Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 16 Jun 2021 until 23:59 on Thursday 17 Jun 2021

Forecast Issued on Tuesday 15 Jun 2021 at 13:49

Confidence: High confidence for the transition to more unsettled conditions. Low for the timing and extent of precipitation.

Headline for Wednesday 16 Jun 2021: Clouding over in the north, with light rain and hill fog.

Mountain weather hazards on Wednesday 16 Jun 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Cloudy	Cloudy	Light rain	Cloudy	Partly cloudy (night)
Precipitation probability							
<05%	<05%	10%	20%	30%	40%	30%	10%

Forecast for Wednesday 16 Jun 2021

Weather: In the early hours it will be dry with long clear spells. During the morning, cloud will thicken in the northwest of the Park as a weakening front moves slowly southeastwards, stalling near the Park during the day. Outbreaks of light rain and drizzle are likely in the northwest, with low cloud covering hills. The southeast of the Park will remain largely dry with cloud increasing for the afternoon, perhaps touching the hilltops at times, however still with sunny spells giving strong sunshine in this area. The front will fade away during the evening, with any rain dying out and cloud starting to break.

Chance of cloud free mountain/hill tops above 600m: 100%, becoming 20% in the northwest and 70% in the southeast during the morning. Becoming 80% more generally during the evening.

Visibility: Very good to start and to end the day, with clear views of distant hills. Becoming moderate to poor in the northwest, or very poor in hill fog with nearby landmarks obscured. Cloud bases down to 400-500m in the northwest. Visibility generally remaining good in the southeast, except in patchy hill fog on the higher summits.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Wednesday 16 Jun 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/22 SW	16/24 SW	15/21 SW	15/21 SW	14/20 SW	11/16 SW	9/13 W	6/9 SW	5/7 NW
300	5/15 SW	6/18 SW	7/16 SW	9/18 SW	9/17 SW	6/13 SW	5/11 W	2/7 W	2/7 NW
Valley	3/15 SW	4/15 SW	7/16 S	9/19 SW	8/16 SW	4/10 SW	4/8 W	1/4 N	2/4 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/9	10/7	10/7	12/9	13/10	13/11	12/10	10/9	9/8
300	11/11	11/10	13/12	14/13	15/14	14/14	14/13	12/12	11/10
Valley	11/11	13/12	14/13	15/14	16/15	15/15	14/14	13/13	11/11
Freezing Level*	2900m	3000m	3000m	2900m	3000m	3000m	2900m	2900m	3000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Good conditions to start in the northwest of the Park will deteriorate during the morning, with tricky navigation conditions in hill fog. Strong sunshine expected in the southeast however, so sun protection and additional water is advised.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 15 Jun 2021	0mm	1.4mm	1.4mm

Forecast for Thursday 17 Jun 2021

Weather: Cloud thickening during the early hours, with a plume of showery rain, sometimes heavy and thundery, pushing up from the south by dawn. This plume is likely to clear the area during the early afternoon, with sunny spells developing giving some strong sunshine.

Maximum wind: Northerly or northwesterly 10-12mph, gusting 20mph

Chance of cloud free mountain/hill tops above 600m: 100% becoming 40% around dawn, then 100% again during the afternoon.

Visibility: Good during the early hours, becoming moderate to poor in heavy rain with nearby hills temporarily obscured, and very poor in hill fog with nearby landmarks obscured. Cloud bases down to 400m during the morning. Becoming good during the afternoon with clear views of distant hills.

Temperature: **Valleys:** Plus 8C becoming plus 17C
At 600m: Plus 10C
Freezing level: Above the summits

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